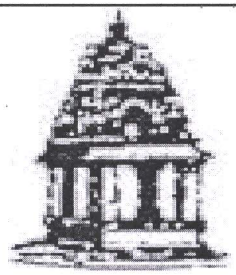

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work	:	**Modified Estimate for Improvements to Road and Footpath in ward No.06, Thanisandra**
Modfied Estimated Cost	:	**7494505.09**
Job Code:		**006-18-000016**

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Modified Estimate for Improvements to Road and Footpath in ward No.06, Thanisandra

			Estimate Cost Rs.						7494505.09	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount	
1	KSRRB 300-1. Earth work excavation by manual means in ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 141/ Item No. 19.1/ PWD SR 2016-17	cum								
	Desilting of Drain									
	Hegadeangara 1st Cross		2	430.00	0.45	0.40	158.40			
	Cross Road		2	214.00	0.45	0.45	87.61			
	As per Approved Sch-B Qty 193.50						**246.02**	S R 86.92	**21383.74**	
	up to 125% Qty 241.88									
	Approved Schedule B Rate	86.92								
2	Removing B.S Slab of Drain and stacking Page No. 25/ Item No. 5.32/ PWD SR 2016-17	Sqm								
	Hegadeangara 1st Cross		2	430.00	1.65		1423.21			
	Cross Road		2	214.00	1.65		708.30			
							2131.51			
	Deduct 35% Missing Slabs						746.03			
	As per Approved Sch-B Qty 3556.96						**1385.48**	SR 65.72	**91053.90**	
	up to 125% Qty 4446.20									
	Approved Schedule B Rate	65.72								
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2016-17	Sqm								
			Qty Vide Item No.3				1385.48			
	As per Approved Sch-B Qty 3556.96						**1385.48**	SR 80.56	**111614.45**	
	up to 125% Qty 4446.20									
	Approved Schedule B Rate	80.56								
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2016-17	Sqm								
	For Missing slabs (35%)		Missing Slabs				746.03			
	As per Approved Sch-B Qty 1778.48						**746.03**	SR 665.68	**496616.53**	
	up to 125% Qty 2223.10									
	Approved Schedule B Rate	665.68								

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 141/ Item No. 19.1/ PWD SR 2016-17	Cum							
	For Flaging Course Drain								
	Hegadeangara 1st Cross		2X2	430.00	0.25	0.30	133.56		
	Cross Road		2X2	214.00	0.25	0.30	65.27		
	As per Approved Sch-B Qty 161.25						**198.83**	SR 86.92	**17282.23**
	Up to 125% Qty 201.56								
	Approved Schedule B Rate	86.92							
6	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2016-	Cum							
	For Raising Course Drain								
	Hegadeangara 1st Cross		2X2	430.00	0.25	0.15	64.50		
	Cross Road		2X2	214.00	0.25	0.15	32.10		
	For Kerb Stone Bottom		2	430.00	0.25	0.15	32.25		
			2	214.00	0.25	0.15	16.05		
	As per Approved Sch-B Qty 120.94						**144.90**	SR 5159.02	**747542.00**
	Up to 125% Qty 151.18								
	Approved Schedule B Rate	5159.02							
7	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.7/ PWD SR 2016-17	cum							
	For Raising Course Drain Coaping								
	Hegadeangara 1st Cross		2X2	430.00	0.20	0.10	34.40		
	Cross Road		2X2	214.00	0.20	0.10	17.12		
	For Vent Concrete for Drain		2	430.00	0.45	0.15	58.05		
			2	214.00	0.45	0.15	28.89		
	As per Approved Sch-B Qty 115.56						**138.46**	SR 5598.92	**775226.46**
	Up to 125% Qty 144.45								
	Approved Schedule B Rate	5598.92							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 24/ Item No. 5.27/ PWD SR 2016-17	Sqm							
	For Raising Course Drain								
	Hegadeangara 1st Cross		2X2	430.00		0.40	688.00		
	Cross Road		2X2	214.00		0.40	342.40		
	As per Approved Sch-B Qty 860.00						**1030.40**	SR 993.22	**1023413.89**
	up to 125% Qty 1075.00								
	Approved Schedule B Rate	993.22							
9	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 25/ Item No. 5.30/ PWD SR 2016-17	Sqm							
	Hegadeangara 1st Cross		2	430.00			860.00		
	Cross Road		2	214.00			428.00		
					l e 1288/0.45		1288.00		
							2862.22		
	As per Approved Sch-B Qty 2388.89						**2862.22**	SR 331.78	**949628.09**
	Up to 125% Qty 2986.13								
	Approved Schedule B Rate	331.78							
10	KSRB 15-17.5: Applying **priming coat** over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 118/ Item No. 15.59 / PWD SR 2016-17	Sqm							
	Kerb Stone Painting		2	430.00		0.30	**258.00**		
			2	214.00		0.30	**128.40**		
	As per Approved Sch-B Qty 322.50						**386.40**	SR 43.46	**16792.94**
	Up to 125% Qty 403.13								
	Approved Schedule B Rate	43.46							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
11	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with **enamel paint** to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.Page No. 119/. Item No. 15.60.1 / PWD SR 2016-17								
	Hegadeangara 1st Cross		2	430.00		0.30	258.00		
	Cross Road		2	214.00		0.30	128.40		
	As per Approved Sch-B Qty 322.50						**386.40**	SR 89.04	**34405.06**
	Up to 125% Qty 403.13								
	Approved Schedule B Rate	89.04							
12	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm							
	For Raising Course Drain								
	Hegadeangara 1st Cross		2	430.00	0.90		774.00		
	Cross Road		2	214.00	0.90		385.20		
	As per Approved Sch-B Qty 967.50						**1159.20**	SR 2100.00	**2434320.00**
	Up to 125% Qty 1209.38								
	Approved Schedule B Rate	2100.00							
13	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1+5				**444.85**		
	As per Approved Sch-B Qty 354.75						**444.85**	SR 73.12	**32527.10**
	Up to 125% Qty 443.44								
	Approved Schedule B Rate	73.12							
							Grand Total		**6751806.39**
14	For 10% KRIDL Charges applicalbe GST								**675180.64**
15	For 1% Labour Cess								**67518.06**
									7494505.09
Rupees Seventy Four Lakh(s) Ninety Four Thousand Five Hundred Five And Paise Nine Only									

1 **Estimate Sanction amount Rs = 7500000.00**

2 **Tender Agriment Amount Rs =7496014.00**

Assistant Engineer
Ward No. 06 (Thanisandra)

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction
Accorded For RS 7494505.09
Head of A/C P3296
CER NO : TS/05/18-19 Dt: 19.05.2018

TA CE (YNK)